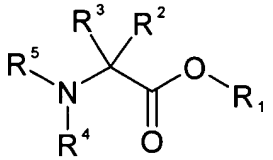
Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of claims in the application.

Listing of the Claims:

Claims 1 - 4. Canceled.

5. (Currently Amended) A method for making a compound of Formula 1



Formula 1

where R^1, ~~R^2, and R^3 are the same or different and are~~ is selected from:

(a) H, ~~with the provisio that at least one of R^2 and R^3 is not H,~~

(b) mono-, di-, and tri-substituted aryl, and

(c) C_1-C_{10} alkyl, C_1-C_{10} substituted alkyl, C_1-C_{10} substituted alkyl-aryl, C_1-C_{10} substituted alkenyl, and C_1-C_{10} substituted alkenyl aryl, and

R^2 and R^3 are the same or different and are selected from

(a) H, with the proviso that at least one of R^2 and R^3 is not H, and

(b) C_1-C_{10} alkyl, C_1-C_{10} substituted alkyl, C_1-C_{10} substituted alkyl-aryl, C_1-C_{10} substituted alkenyl, and C_1-C_{10} substituted alkenyl aryl, and wherein R^2 and R^3 may be joined together to form a cyclic or heterocyclic ring having a ring size of 3 to 8 members,

where the substituents of ~~(b) and (c)~~ R^1, R^2, and R^3 are selected from:

H, chloro, fluoro, bromo, iodo, nitro, cyano, amino, C_1-C_{10} alkyloxy, C_1-C_{10} alkyloxy aryl, C_1-C_{10} aminoalkyl, C_1-C_{10} alkylamino, C_1-C_{10} aminoalkyl aryl, C_1-C_{10} aminocarbonyl, C_1-C_{10} aminocarbonylalkyl-aryl, C_1-C_{10} thioalkyl, C_1-C_{10} thioalkyl-aryl, C_1-C_{10} alkylsulfoxide, C_1-C_{10} alkylsulfone, C_1-C_{10}

alkylsulfonamide, C_1-C_{10} alkylsulfonamide aryl, C_1-C_{10} alkylsufoxide aryl, C_1-C_{10} alkylsulfone aryl, C_1-C_{10} alkyl, aminocarbonylamino C_1-C_{10} alkyl, C_1-C_{10} alky aminocarbonylamino C_1-C_{10} alkyl aryl, C_1-C_{10} alkyloxycarbonyl C_1-C_{10} alkyl, C_1-C_{10} alkyloxycarbonyl C_1-C_{10} alkyl aryl, C_1-C_{10} carboxyalkyl, C_1-C_{10} carboxyalkyl aryl, C_1-C_{10} carbonylalkyl, C_1-C_{10} carbonylalkyl aryl, C_1-C_{10} alkyloxcarbonylamino alkyl, C_1-C_{10} alkyloxycarbonylamino alkyl aryl, guanidino, C_1-C_{10} alkylCOOH, C_1-C_{10} alkyl$CONH_2$, C_1-C_{10} alkenylCOOH, C_1-C_{10} alkenyl $CONH_2$, and

where the aryl group of ~~(b) and (c)~~ R^1, R^2, and R^3 is selected from:

phenyl, biphenyl, 2-napthyl, 1-napthyl, pyridyl, furyl, thiophenyl, indolyl, isothiazolyl, imidazolyl, benzimidazolyl, tetrazolyl, pyrazinyl, pyrimidyl, quinolyl, isoquinolyl, benzofuryl, isobenzofuryl, benzothienyl, pyrazolyl, isoindolyl, purinyl, carbazolyl, isoxazolyl, thiazolyl, oxazolyl, benthiazolyl, benzoxazolyl; and

where R^4 and R^5 are the same or different and are selected from:

(d) H, and

(e) an amine protecting group;

said method comprising:

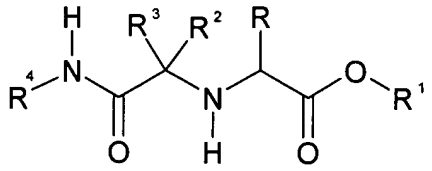
(i) reacting

a amino acid~~/chiral auxiliary~~ of the formula NH_2-CHR-COOH or a salt thereof, wherein R is an aryl group selected from the group consisting of phenyl, biphenyl, 1-naphthyl, and 2-naphthyl, wherein the aryl group of R is substituted with 1 to 5 substituents selected from the group consisting of hydrogen, cyano, amino, C_1-C_{10} alkyl, C_1-C_{10} alkyloxy, C_1-C_{10} alkyloxyaryl, C_1-C_{10} aminoalkyl, C_1-C_{10} alkylamino, C_1-C_{10} aminoalkyl aryl,

a convertible isocyanide, and

~~at least one of an aldehyde and a ketone~~ a compound of the formula R^3-CO-R^2,

in an alcohol or an alcohol-containing solvent to obtain a compound of Formula 2



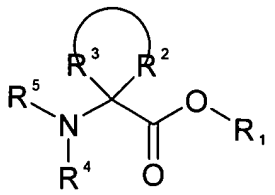
Formula 2

and

(ii) subjecting the compound of Formula 2 to ~~aryl amine/hydrolysis, including~~ catalytic hydrogenation conditions, and to amide cleavage~~/hydrolysis~~ conditions, to obtain the compound of Formula 1.

6. (Currently Amended) The method of claim 5, where the amine protecting group of R^4 or R^5 is selected from phenyl, cyclohexenyl, cyclohexyl, t-butyl, 9-fluorenylmethylcarbonyl, tert-butyloxycarbonyl, allyloxcarbonyl, and benzyloxycarbonyl.

7. (Original) The method of claim 5, where the groups R^2 and R^3 are joined together to form cyclic compound with a ring system as represented by Formula 1a

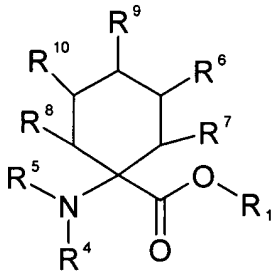


Formula 1a

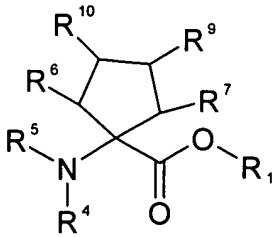
where the ring system has a ring size of 3 to 8 members.

8. (Original) The method of claim 7, where the ring system is selected from:

(a) mono-, di-, tri-, or tetra-substituted cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cycloheptyl, and cyclooctyl as shown in compounds of Formulae 1b and 1c

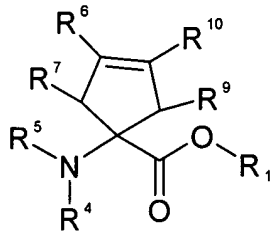


Formula 1b



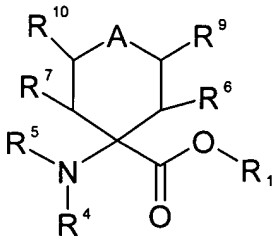
Formula 1c

(b) mono-, di-, tri-, or tetra-substituted cyclopropenyl, cyclobutenyl, cyclopentenyl, cyclohexenyl, cycloheptenyl, and cyclooctenyl as shown in compounds of Formula 1d

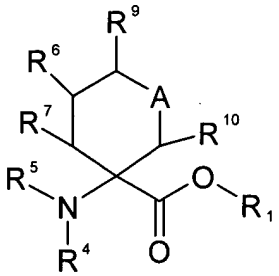


Formula 1d

(c) mono-, di-, tri- or tetra-substituted heterocyclic compounds of Formulae 1e and 1f, where A is O, S, SO, SO_2, NH, SO_2NHR^8, $NCONHR^8$, $NCOOR^8$, or NR^8,



Formula 1e



Formula 1f

and where R^6, R^7, R^8, R^9 and R^{10} of Formulae 1a-1f are the same or different and are selected from:

(d) H,

(e) mono-, di-, and tri-substituted aryl, and

(f) C_1-C_{10} substituted alkyl, C_1-C_{10} -substituted alkyl-aryl C_1-C_{10} substituted alkenyl, and C_1-C_{10} substituted alkenyl aryl,

where the substituents of (e) and (f) are selected from:

H, chloro, fluoro, bromo, iodo, nitro, cyano, amino, C_1-C_{10} alkyloxy, C_1-C_{10} alkyloxy aryl, C_1-C_{10} aminoalkyl, C_1-C_{10} alkylamino, C_1-C_{10} aminoalkyl aryl, C_1-C_{10} aminocarbonyl, C_1-C_{10} aminocarbonylalkyl-aryl, C_1-C_{10} thioalkyl, C_1-C_{10} thioalkyl-aryl, C_1-C_{10} alkylsulfoxide, C_1-C_{10} alkylsulfone, C_1-C_{10} alkylsulfonamide, C_1-C_{10} alkylsulfonamide aryl, C_1-C_{10} alkylsulfoxide aryl, C_1-C_{10} alkylsulfone aryl, C_1-C_{10} alkyl, aminocarbonylamino C_1-C_{10} alkyl, C_1-C_{10} alkyl aminocarbonylamino C_1-C_{10} alkyl aryl, C_1-C_{10} alkyloxycarbonyl C_1-C_{10} alkyl, C_1-C_{10} alkyloxycarbonyl C_1-C_{10} alkyl aryl, C_1-C_{10} carboxyalkyl, carboxyalkyl aryl, C_1-C_{10} carbonylalkyl, C_1-C_{10} carbonylalkyl aryl, C_1-C_{10} alkyloxycarbonylamino alkyl, C_1-C_{10} alkyloxcarbonylamino alkyl aryl, guanidino, C_1-C_{10} alkylCOOH, C_1-C_{10} alkyl$CONH_2$, C_1-C_{10} alkenylCOOH, C_1-C_{10} alkenyl $CONH_2$,

and where the aryl group of (e) and (f) are selected from:

phenyl, biphenyl, 2-napthyl, 1-napthyl, pyridyl, furyl, thiophenyl, indolyl, isothiazolyl, imidazolyl, benzimidazolyl, tetrazolyl, pyrazinyl, pyrimidyl, quinolyl, isoquinolyl, benzofuryl, isobenzofuryl, benzothienyl, pyrazolyl, isoindolyl,

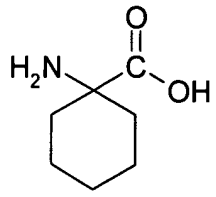
purinyl, carbazolyl, isoxazolyl, thiazolyl, oxazolyl, benthiazolyl, and benzoxazolyl.

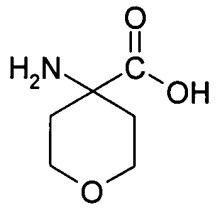
9. (Currently Amended) The method of claim 5, where the amino acid~~/chiral auxiliary~~ is phenyl glycine, the convertible isocyanide is ~~isocyanide~~ cyclohexenyl, tert-butyl, cyclohexyl, phenyl, or 2-(tert-butyldimethylsilyloxy methyl) phenyl isocyanides, the alcohol is methanol, ethanol, or isopropanol, and the catalytic hydrogenation ~~employs~~ conditions employ $Pd(OH)_2$ for a catalyst.

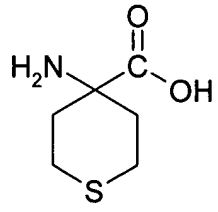
10. (Currently Amended) The method of claim 5, further comprising the step of ~~where step (ii) comprises that the aryl amine/hydrolysis and the amide cleavage/hydrolysis are followed by an amine protection reaction to place~~ attaching at least one amine protecting group on the ~~N~~ amine of Formula 1.

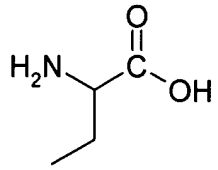
11. (Canceled).

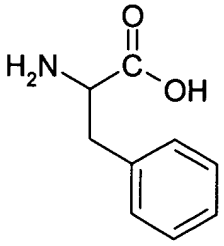
12. (Original) The method of claim 5, where Formula 1 comprises a compound selected from the group consisting of:

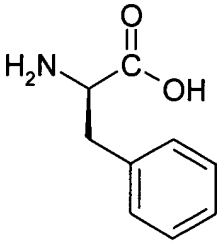


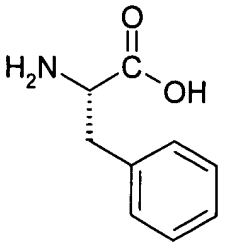


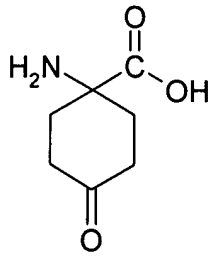

O
H2N
C
OH
S

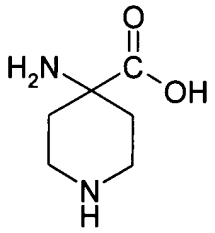

O
H2N
C
OH

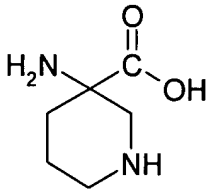

O
H2N
C
OH

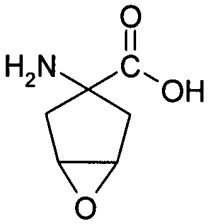

O
H2N
C
OH

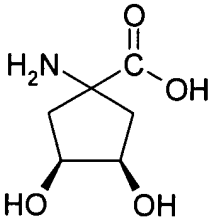

O
H2N
C
OH

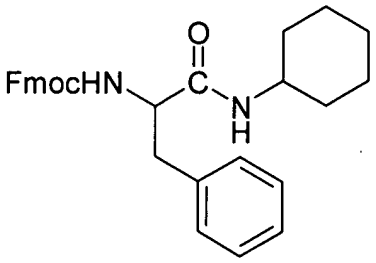




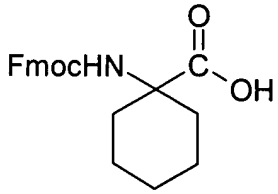


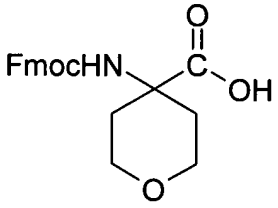


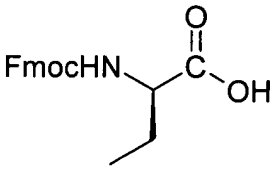


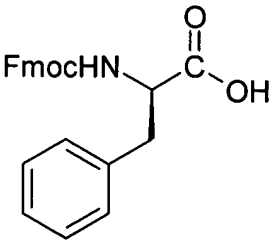

FmocHN
O
C
N
H

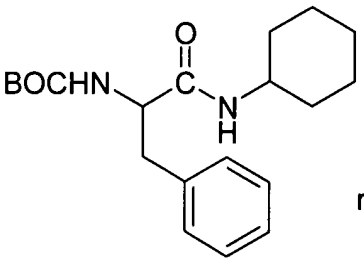
racemic


FmocHN
O
C
OH

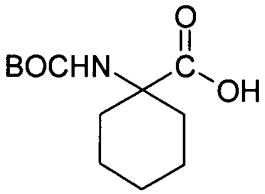

FmocHN
O
C
OH
O

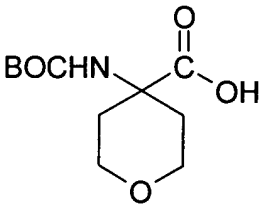

FmocHN
O
C
OH

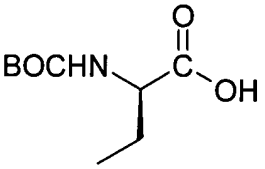

FmocHN
O
C
OH

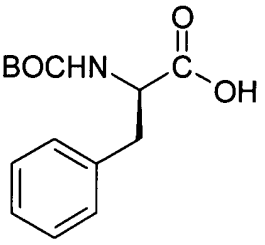


racemic









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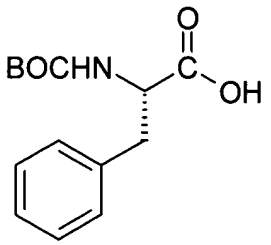
BOCHN
O
C
OH